

# **Your data's showing: Implementing the new Tri-Agency Research Data Management Policy**

Open Science @ Concordia

May 27, 2022

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Concordia University



# What is Research Data Management (RDM)?

# What is RDM?

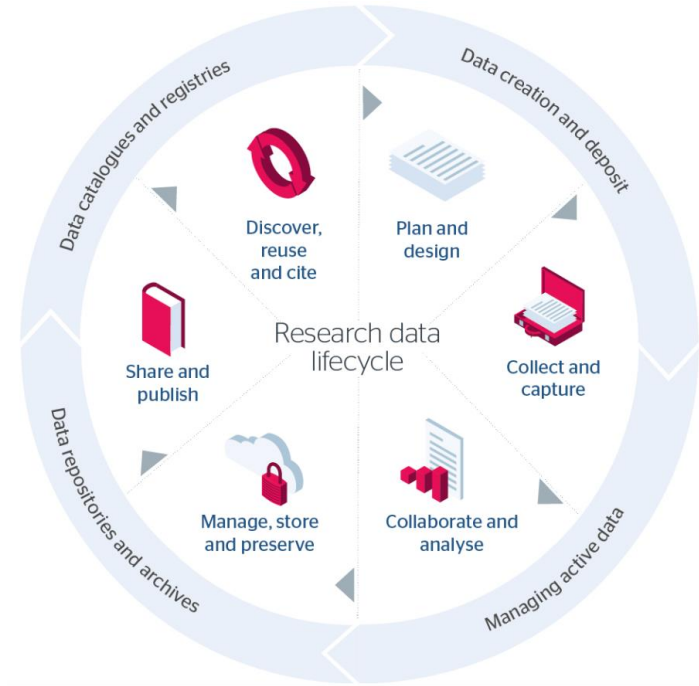
Research data management is a general term covering how you organize, structure, store, and care for the information used or generated during a research project. It includes...



<https://rdmtoolkit.jisc.ac.uk/research-data-lifecycle/>

# What is RDM?

- **Planning** how your data will be looked after
- How you deal with information on a **day-to-day** basis over the lifetime of a project
- What happens to data in the **longer term** – what you do with it after the project concludes



<https://rdmtoolkit.jisc.ac.uk/research-data-lifecycle/>

# Tri-Agency Research Data Management Policy

# Tri-Agency RDM policy

“The objective of this policy is to support Canadian research excellence by promoting sound RDM and data stewardship practices. This policy is not an open data policy.”

 Government of Canada  
Gouvernement du Canada

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> [Research Data Management](#)

## Tri-Agency Research Data Management Policy

### 1. Preamble

The [Canadian Institutes of Health Research \(CIHR\)](#), the [Natural Sciences and Engineering Research Council of Canada \(NSERC\)](#), and the [Social Sciences and Humanities Research Council of Canada \(SSHRC\)](#) (the agencies) are federal granting agencies that promote and support research, research training, knowledge transfer and innovation within Canada.

The agencies expect the research they fund to be conducted to the highest professional and disciplinary standards, domestically and internationally. These standards support research excellence by ensuring that research is performed ethically and makes good use of public funds, experiments and

[http://www.science.gc.ca/eic/site/063.nsf/eng/h\\_97610.html](http://www.science.gc.ca/eic/site/063.nsf/eng/h_97610.html)

# Tri-Agency RDM policy

## Tri-Agency Research Data Management Policy:

- Institutional strategy
- Data management plans
- Data deposit

 Government of Canada  
Gouvernement du Canada

MENU ▾

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### Tri-Agency Research Data Management Policy

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# Data management plans

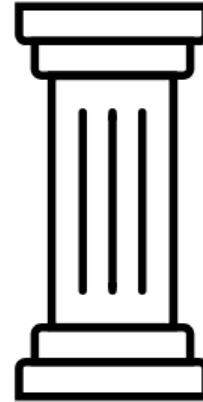


# Tri-Agency RDM policy

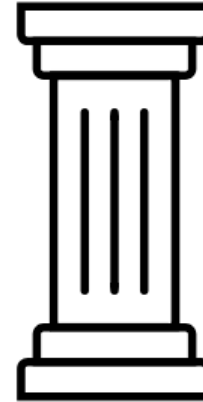
## Data Management Plans:

« All grant proposals submitted to the agencies should include methodologies that reflect best practices in RDM. For certain funding opportunities, the agencies will require data management plans (DMPs) »

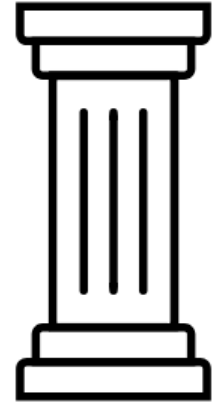
Institutional  
strategy



Data  
management  
plans



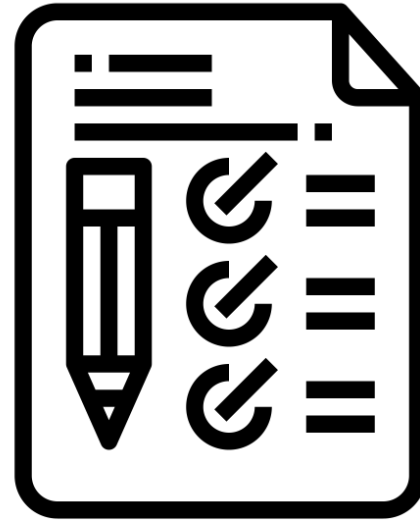
Data  
deposit



# Tri-Agency RDM policy

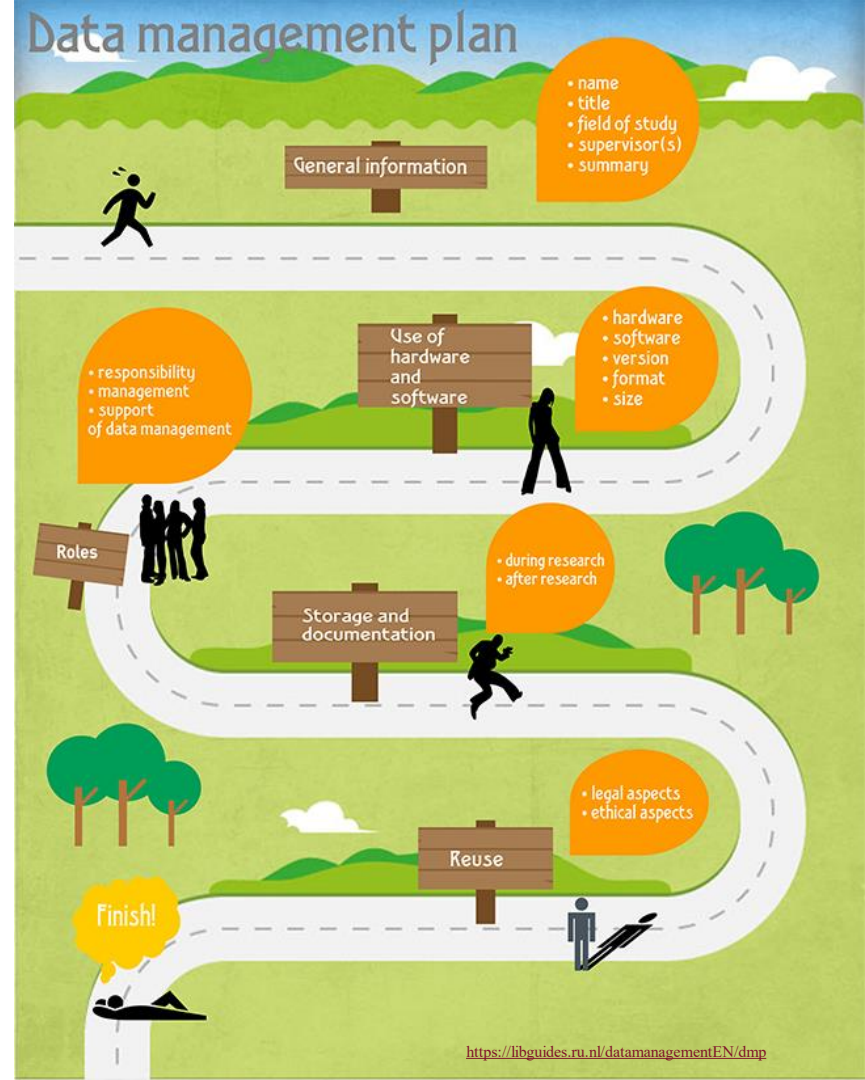
## Implementation date:

**Spring 2022**, Tri-Agency will identify *initial set* of funding opportunities subject to the DMP requirement.

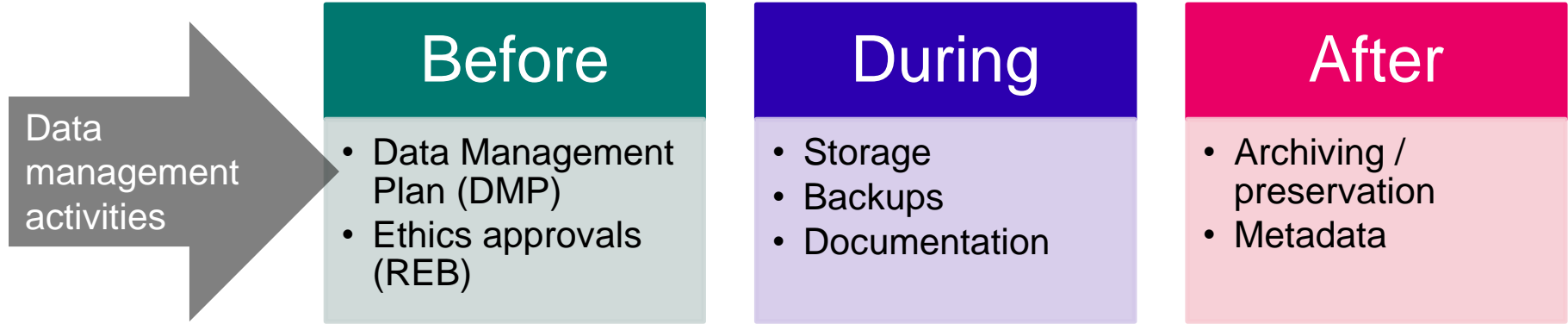


# What is a DMP?

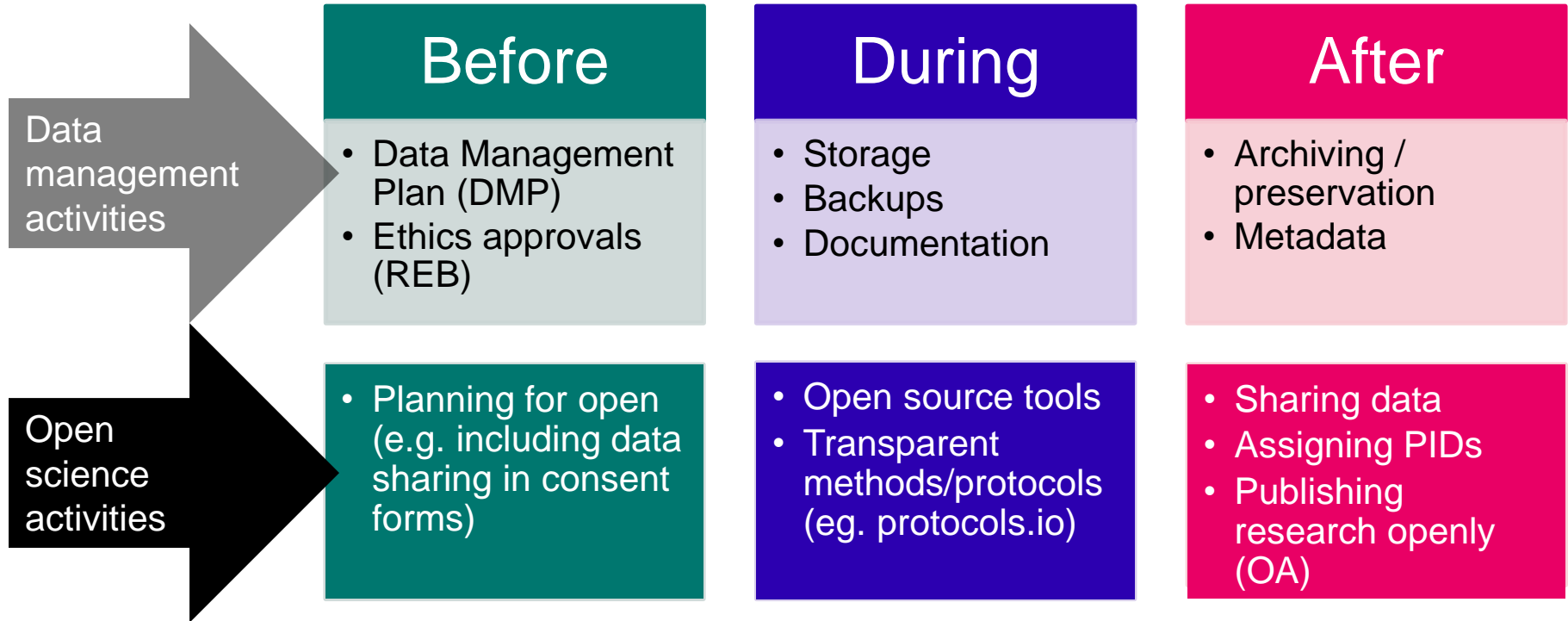
- Formal document
- Outlines what you will do with your data **during** and **after** you complete your research
- Ensures your data is safe for the **present** and the **future**



# Data management in the research workflow



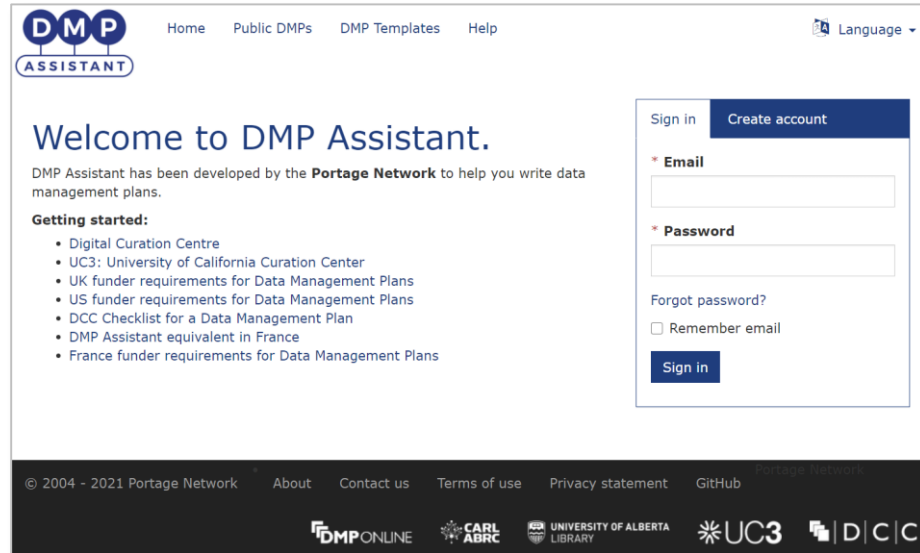
# Data management in the research workflow



# Tool to help write a DMP

## DMP Assistant:

- Free Canadian online tool for creating DMPs
- Generic DMP template with 20 questions
- 12 discipline specific templates



The screenshot shows the homepage of the DMP Assistant tool. At the top, there is a navigation bar with links for Home, Public DMPs, DMP Templates, and Help. A language dropdown menu is located in the top right corner. The main heading reads "Welcome to DMP Assistant." Below this, a brief description states: "DMP Assistant has been developed by the Portage Network to help you write data management plans." A section titled "Getting started:" lists several resources: Digital Curation Centre, UC3: University of California Curation Center, UK funder requirements for Data Management Plans, US funder requirements for Data Management Plans, DCC Checklist for a Data Management Plan, DMP Assistant equivalent in France, and France funder requirements for Data Management Plans. On the right side, there is a sign-in and account creation section. It includes buttons for "Sign in" and "Create account". Below these are input fields for "Email" and "Password", both marked with an asterisk. There is a "Forgot password?" link and a "Remember email" checkbox. A "Sign in" button is at the bottom of this section. The footer contains copyright information: "© 2004 - 2021 Portage Network", and links for About, Contact us, Terms of use, Privacy statement, and GitHub. Logos for DMP ONLINE, CARL ABRC, UNIVERSITY OF ALBERTA LIBRARY, UC3, and D|C|C are also present.

<https://assistant.portagenetwork.ca/>

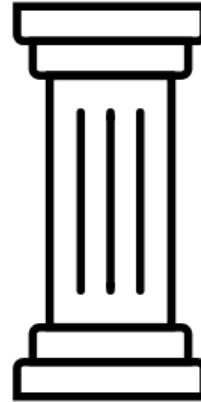
# Data deposit

# Tri-Agency RDM policy

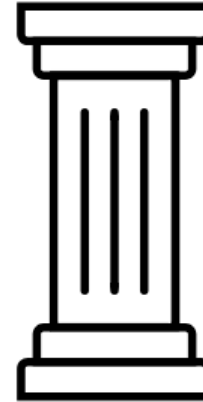
## Data deposit:

« Grant recipients are required to deposit into a recognized digital repository all digital research data, metadata and code that directly support research conclusions that arise from agency-supported research. »

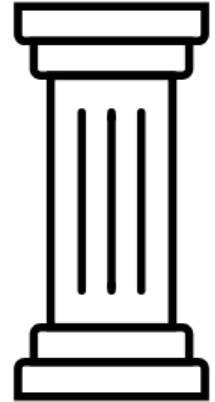
Institutional  
strategy



Data  
management  
plans



Data  
deposit





# Tri-Agency RDM policy

Grant recipients are **not required to share their data.**

However, the agencies expect researchers to **provide appropriate access to the data where ethical, cultural, legal and commercial requirements allow.**



# Tri-Agency RDM policy

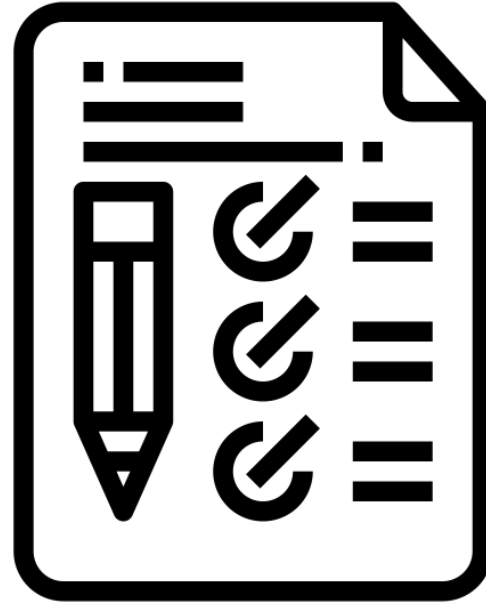
As open as possible  
As closed as necessary

# Tri-Agency RDM policy

## Implementation date:

### After March 2023:

Data deposits will be phased in only after the Tri-Agency reviews each institution's RDM strategy (pillar 1) and assesses the Canadian research community's readiness.



# NSERC Merit review process

## Forms of contributions to research:

- Creation, curation, sharing or reuse of datasets

## Assessment of quality of contributions to research

- Transparency and accessibility of results and appropriate data stewardship (including, where appropriate, open science...)

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# Where to share data

# Concordia Dataverse

- Concordia data repository available for free (through BCI) to all Concordia researchers
- Support from the Library
- Useful for small to medium sized datasets (files  $\leq$  3GB)
- Data hosted on Canadian servers

The screenshot displays the 'Scholars Portal Dataverse' interface for Concordia University. The header includes navigation links: Search, User Guide, Support, English, and Log In. The main content area shows the Concordia University logo and the text 'Concordia University Dataverse (Concordia University)'. Below this, a breadcrumb trail reads 'Scholars Portal Dataverse > Concordia University Dataverse'. On the left sidebar, there are filters for 'Databases (5)', 'Datasets (14)', and 'Files (244)'. Under 'Dataverse Category', it lists 'Research Project (3)' and 'Research Group (2)'. Under 'Publication Year', it shows '2020 (18)' and '2019 (1)'. Under 'Author Name', it lists 'Bloodgood, Elizabeth (12)', 'Lenczner, Michael (12)', 'Shibaike, Takumi (12)', 'Tabet, Jenny (12)', and 'Wong, Wendy (12)'. A 'More...' link is at the bottom of the sidebar. The main results area shows '1 to 10 of 19 Results' with a 'Sort' button. Two results are visible: 'Liberia Nonprofit Forms' and 'Kenya Nonprofit Forms'. Each result includes a date, a title, a list of authors, a DOI link, and a description of the dataset content.

Scholars Portal Dataverse

Search User Guide Support English Log In

UNIVERSITÉ  
**Concordia**  
UNIVERSITY

Concordia University Dataverse (Concordia University)

Scholars Portal Dataverse > Concordia University Dataverse

☒ Databases (5)  
☒ Datasets (14)  
☐ Files (244)


**Dataverse Category**  
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More...


1 to 10 of 19 Results

**Liberia Nonprofit Forms**  
Aug 10, 2020 - Global Register of Nonprofit Data Sources (GRNDS)

 Bloodgood, Elizabeth; Lenczner, Michael; Bourns, Jesse; Tabet, Jenny; Shibaike, Takumi; Chedhoudi, Rafaa; Faubert, Michael; Wong, Wendy, 2020, "Liberia Nonprofit Forms", <https://doi.org/10.5683/SP2/DZRBFG>, Scholars Portal Dataverse, V1, UNF:6.V7bR543EBnk7WFKh21DYRw== [fileUNF]

This dataset contains spreadsheets with all of the fields to be filled by nonprofit organizations within Liberia labeled by form. The folder also contains the original tax and registration forms from the government as .pdfs.

**Kenya Nonprofit Forms**  
Aug 6, 2020 - Global Register of Nonprofit Data Sources (GRNDS)

 Bloodgood, Elizabeth; Lenczner, Michael; Bourns, Jesse; Tabet, Jenny; Shibaike, Takumi; Chedhoudi, Rafaa; Faubert, Michael; Wong, Wendy, 2020, "Kenya Nonprofit Forms", <https://doi.org/10.5683/SP2/ZS9FIA>, Scholars Portal Dataverse, V1, UNF:6:hEqXgQnDay/RAMSOq2stfQ== [fileUNF]

This dataset contains spreadsheets with all of the fields to be filled by nonprofit organizations within Kenya labeled by form. The folder also contains the original tax and registration forms from the government as .pdfs.

# Federated Research Data Repository

## Find data

- Indexes many Canadian repositories

## Deposit data

- Secure data deposit for Canadian research data



<https://www.frd.ca/repo/>



# Questions?

Thank you!

A large, solid blue abstract shape that starts as a thin line on the left, dips down, and then rises to a thick band across the middle of the image.

CONCORDIA.CA